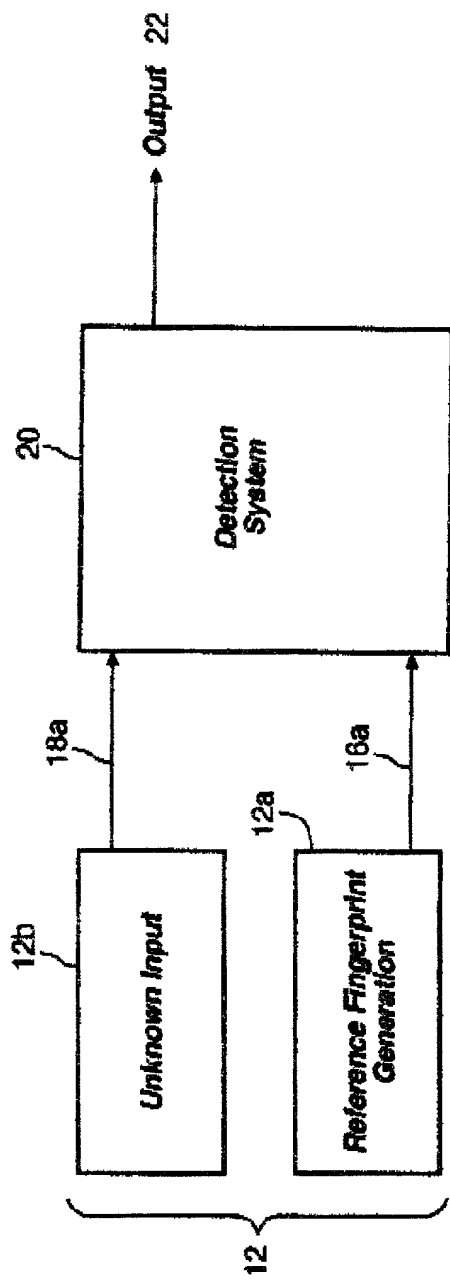
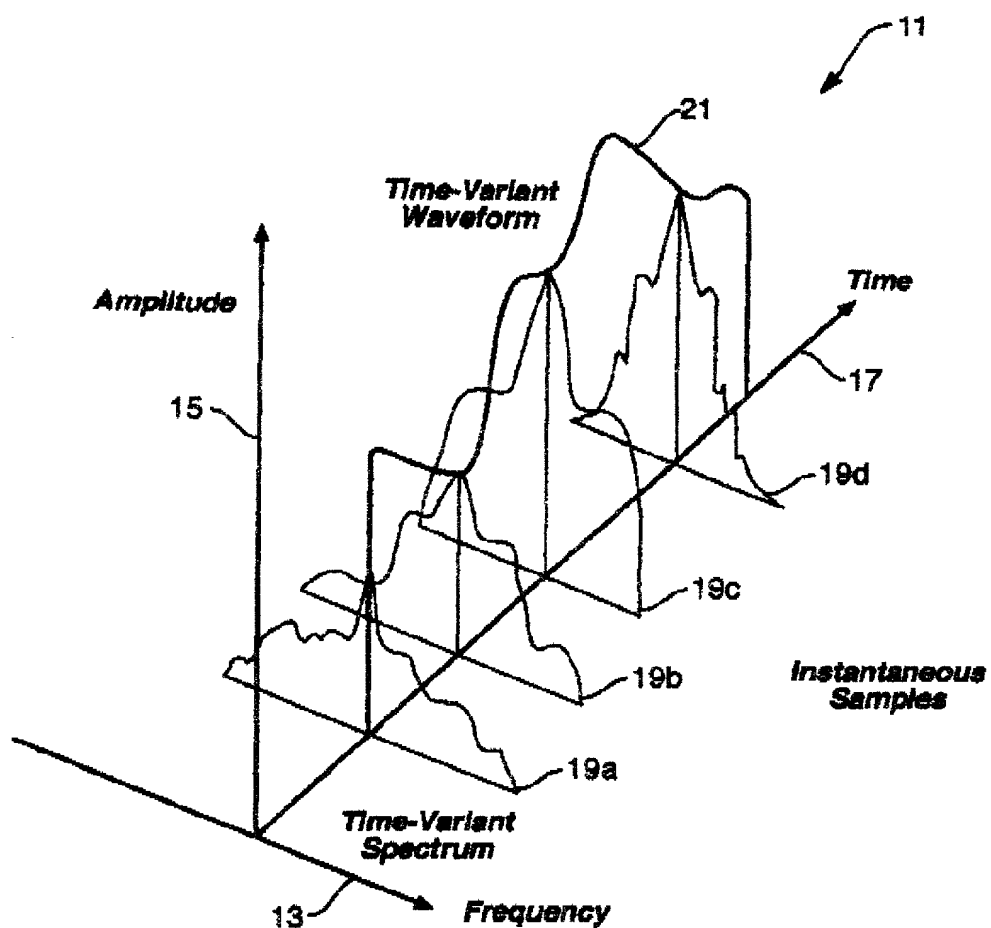


FIG. 1



Photonic Fingerprint Analyzer
and Coincidence Detector

FIG. 2



Photonic Fingerprint

FIG. 3

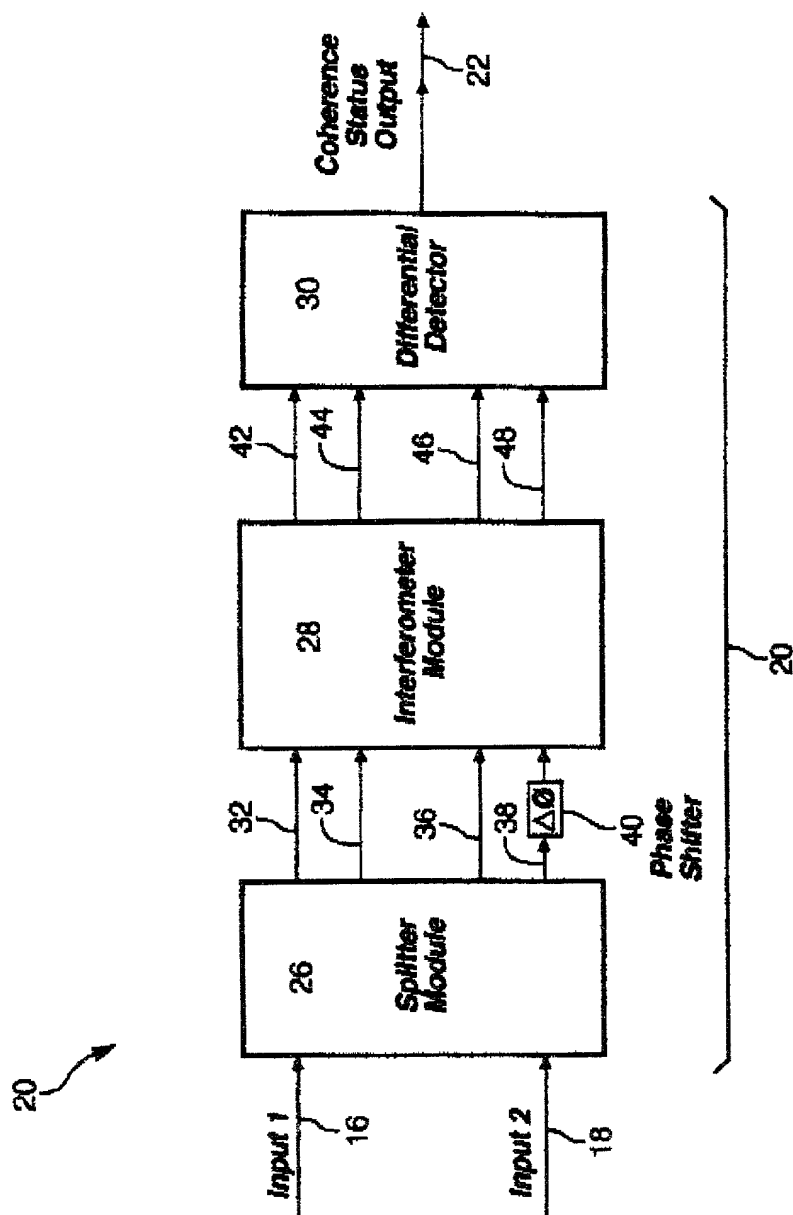


FIG. 4

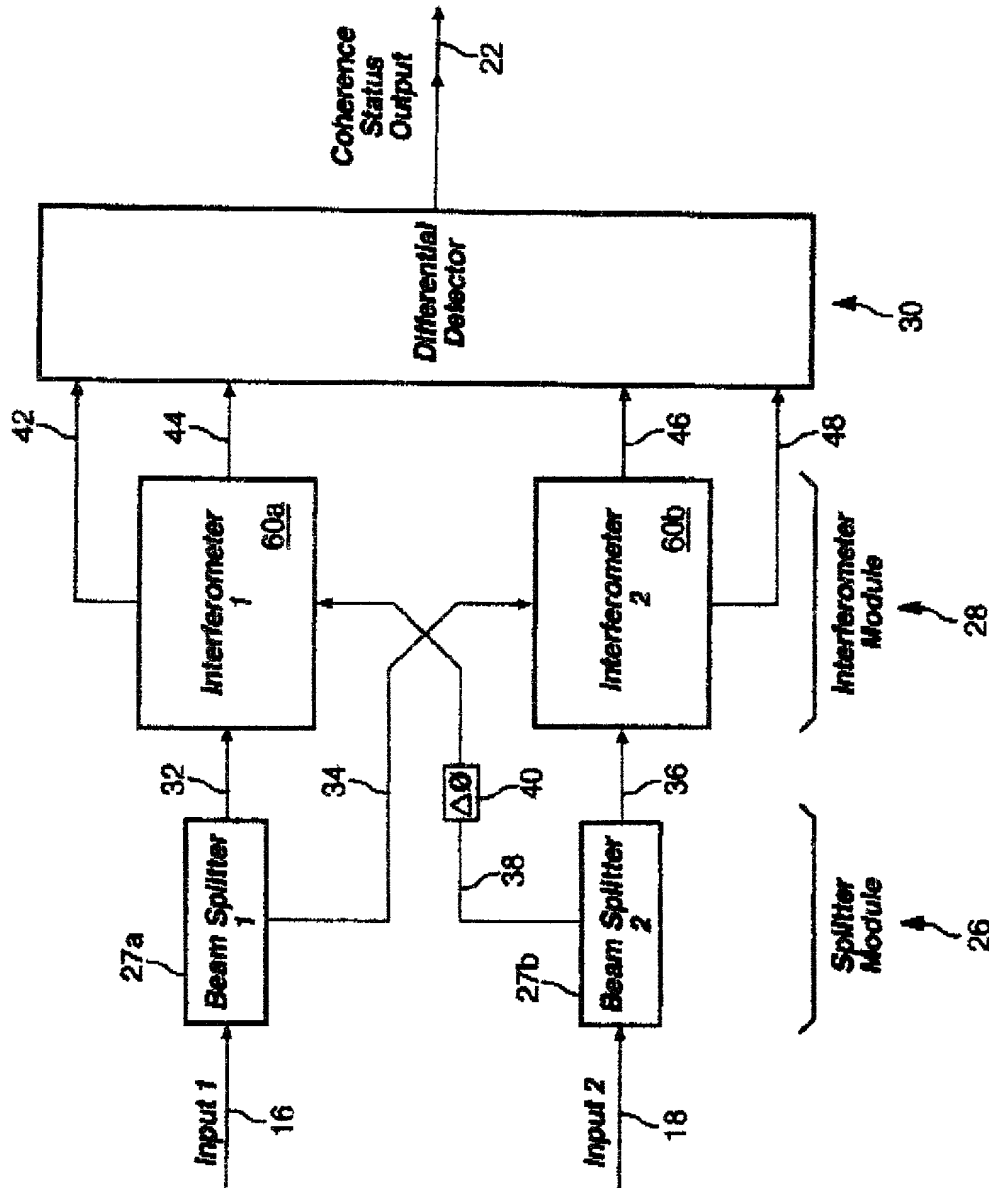


FIG. 5

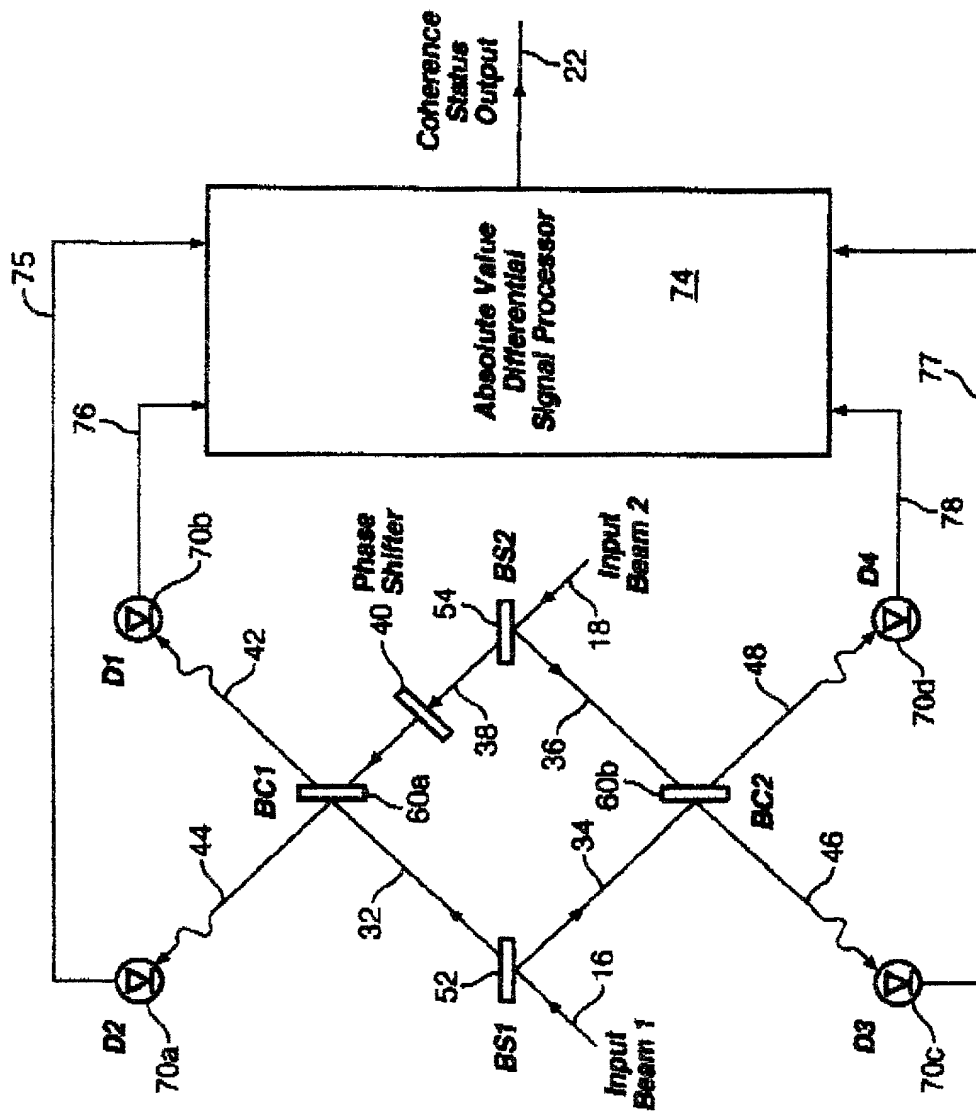


FIG. 6

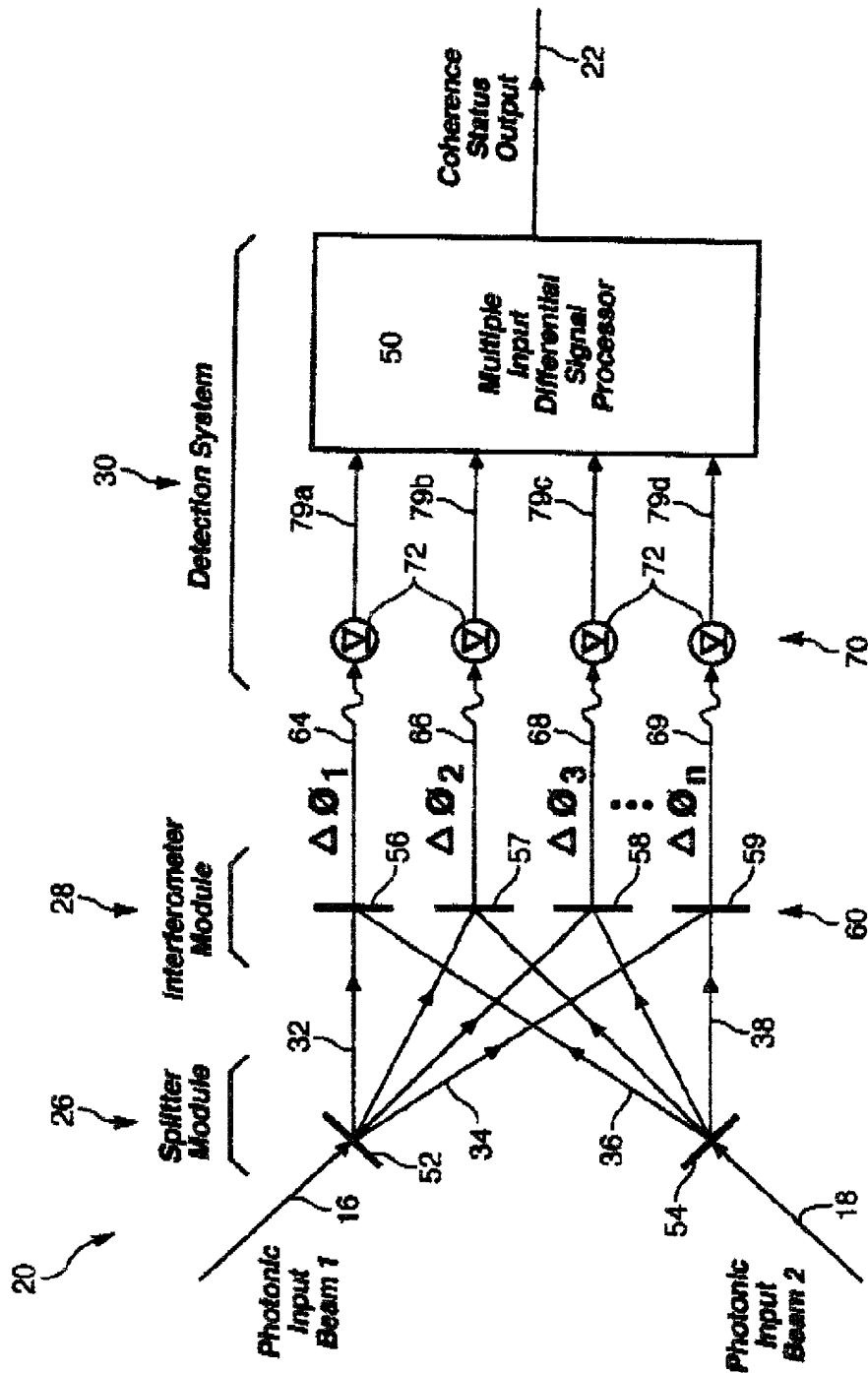
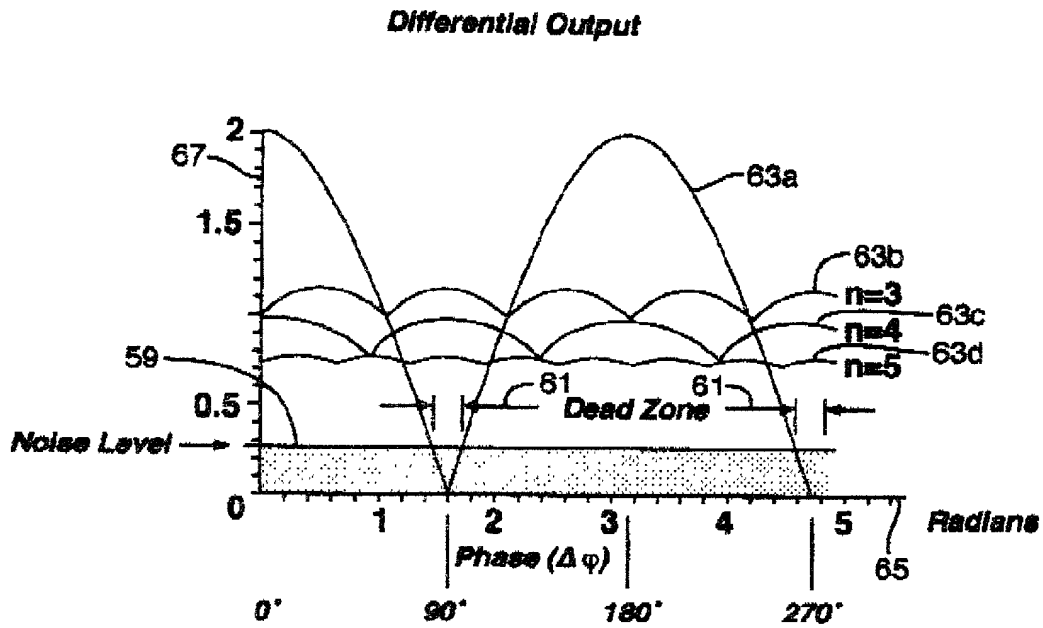


FIG. 7

**FIG. 8**

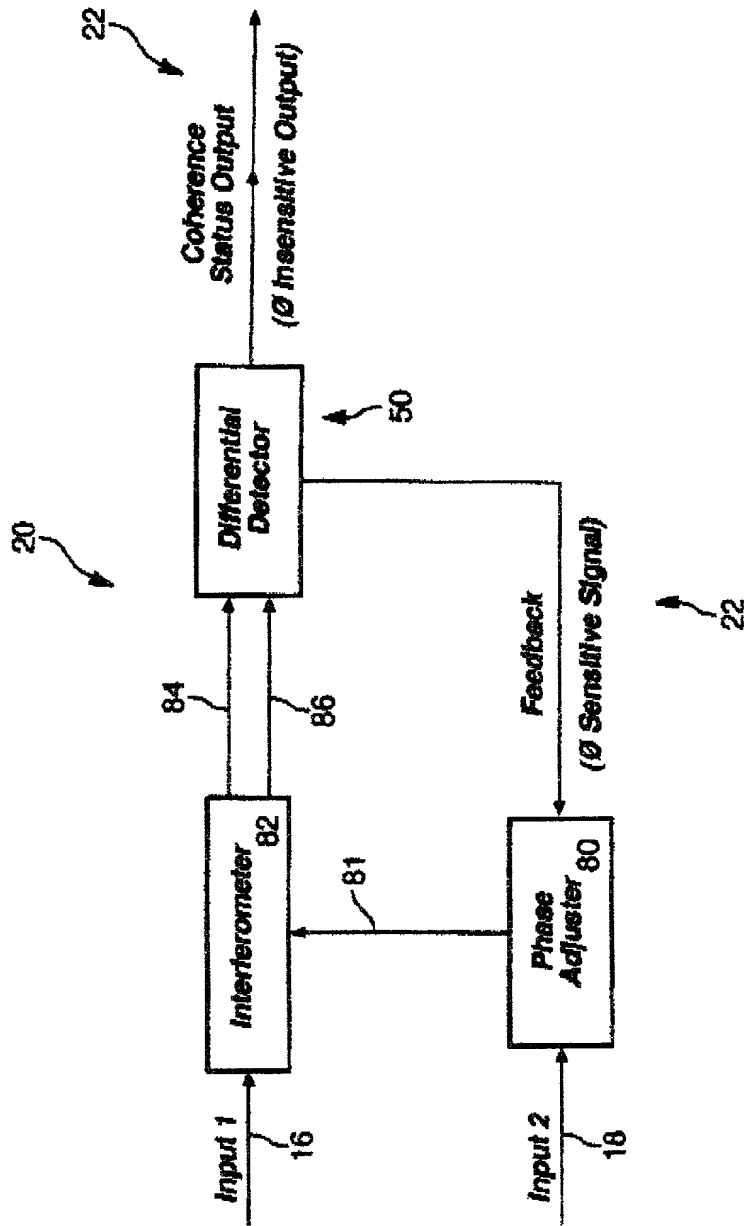


FIG. 9

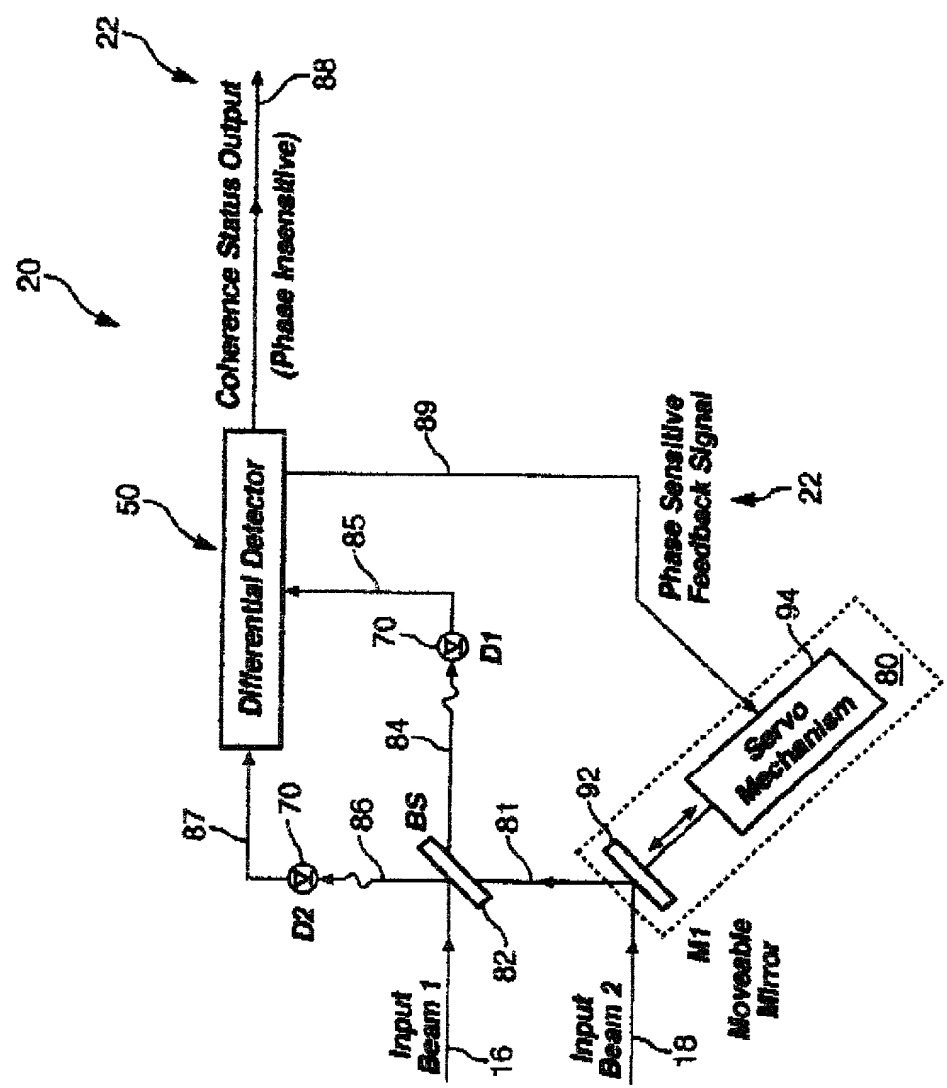


FIG. 10

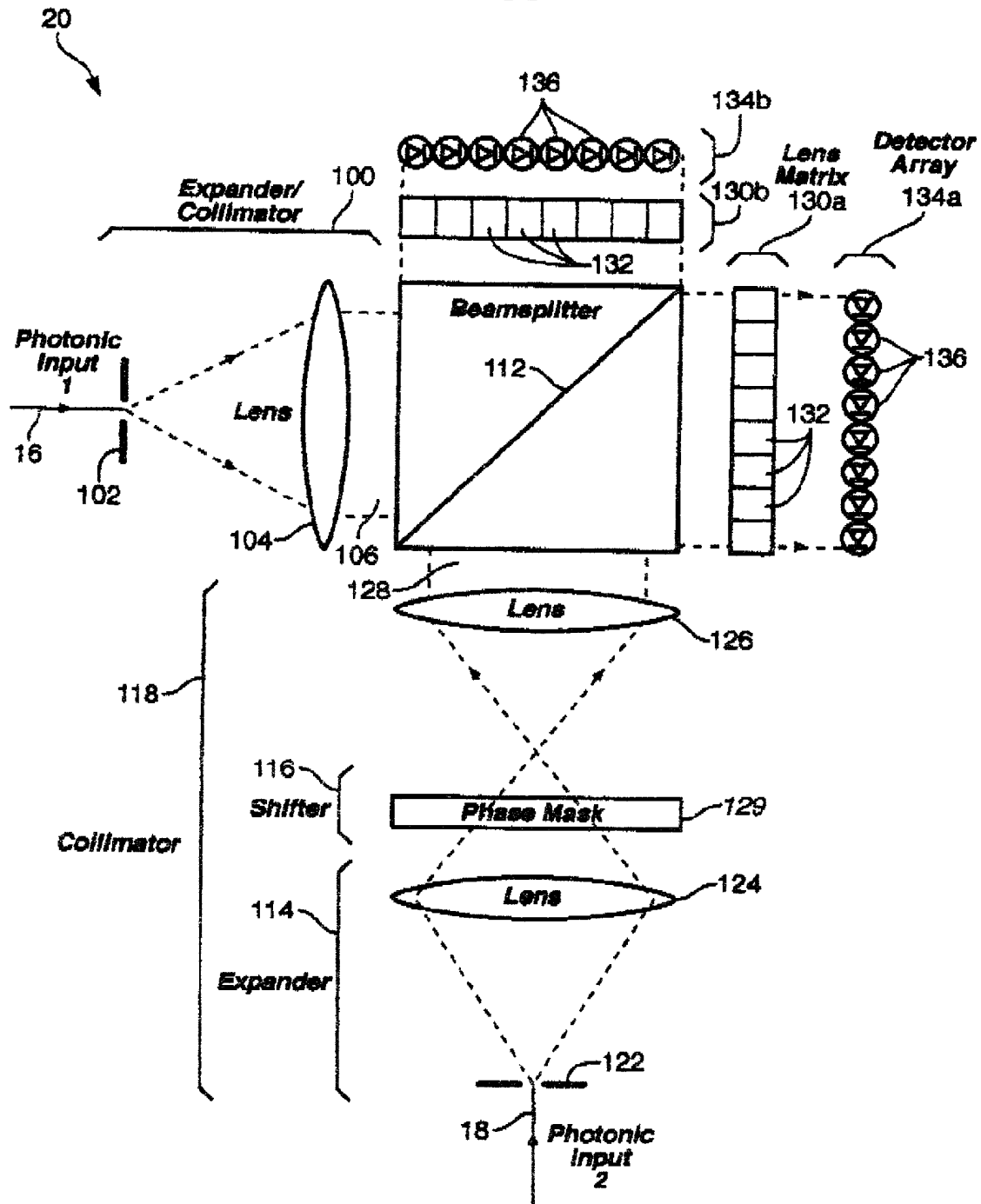


FIG. 11

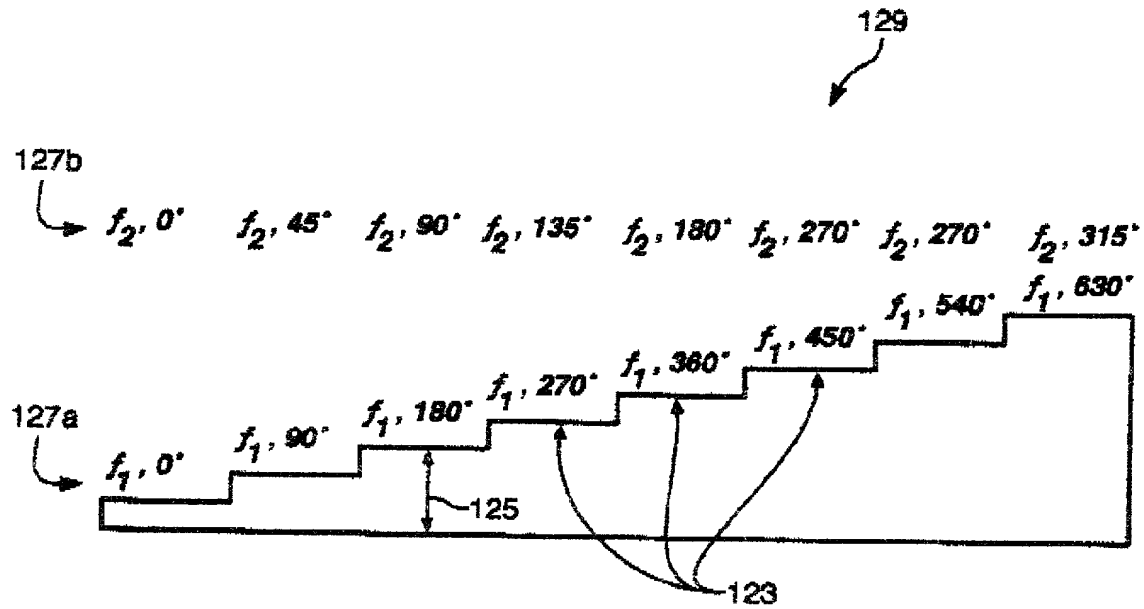


FIG. 12

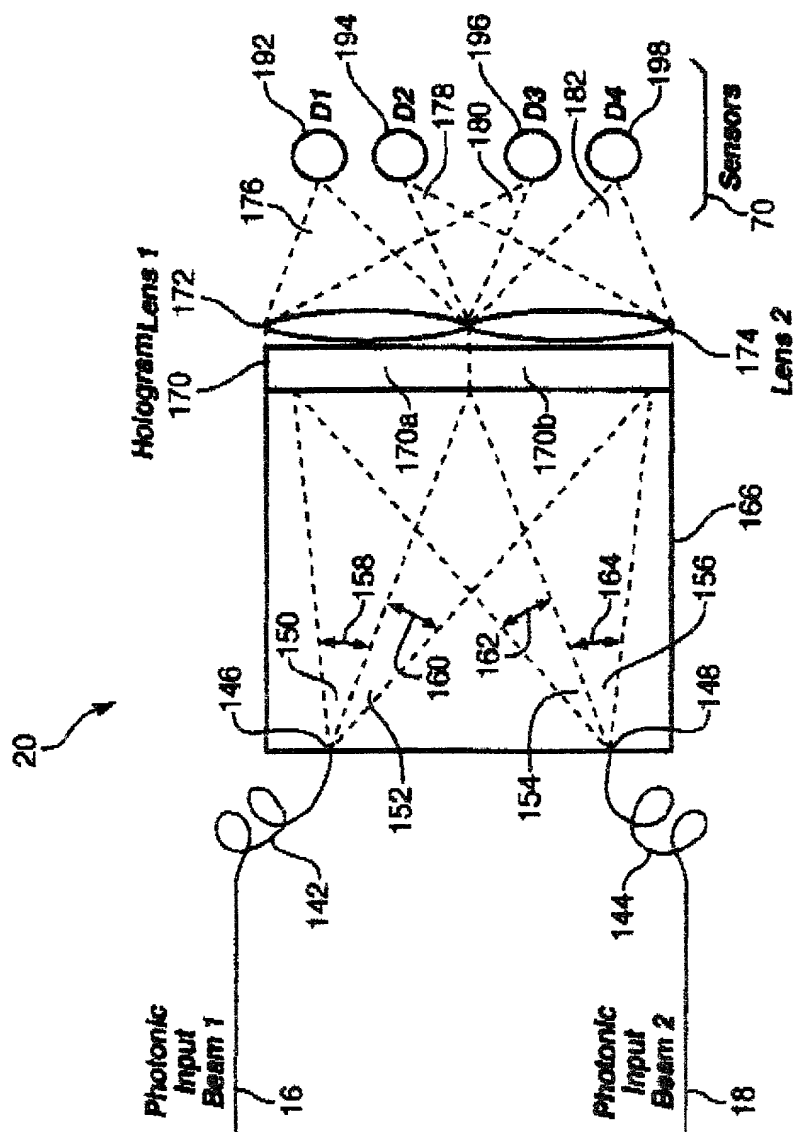


FIG. 13

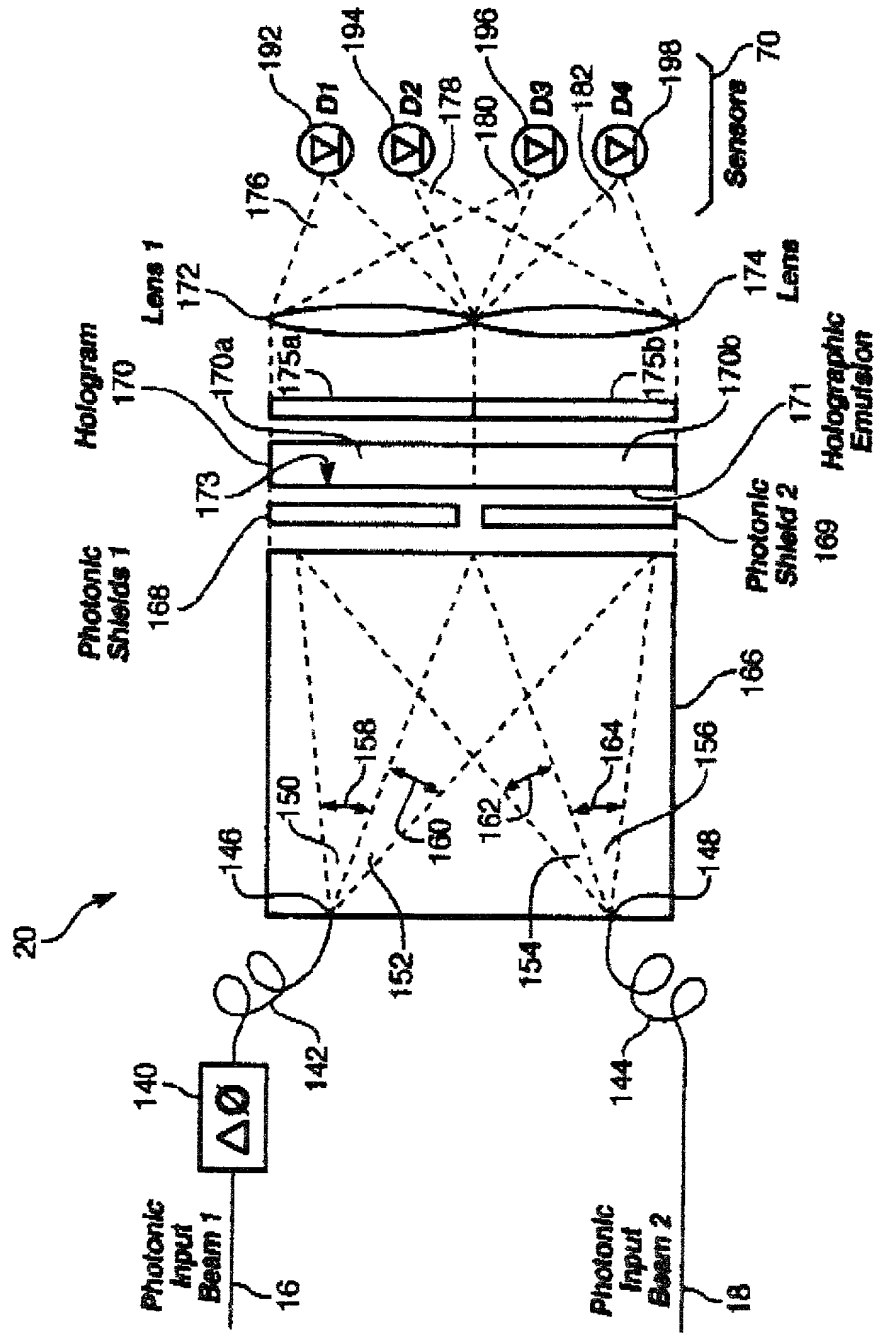
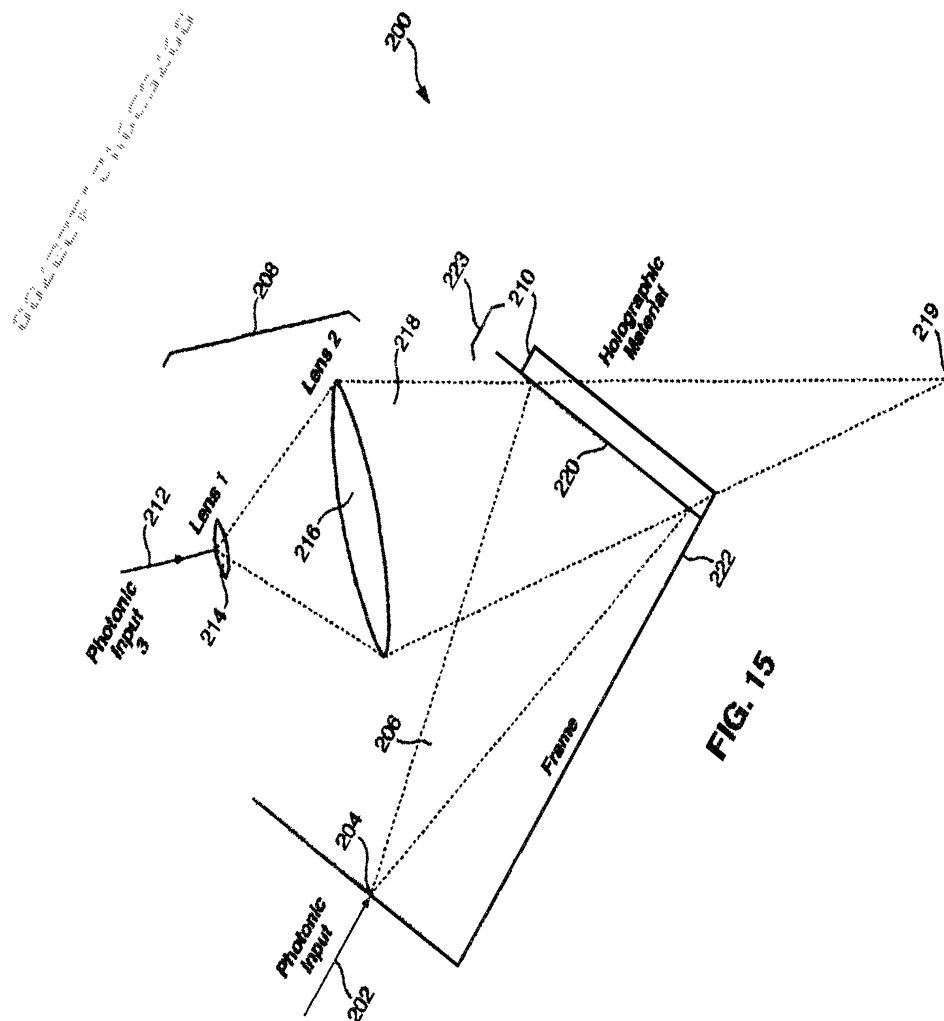


FIG. 14



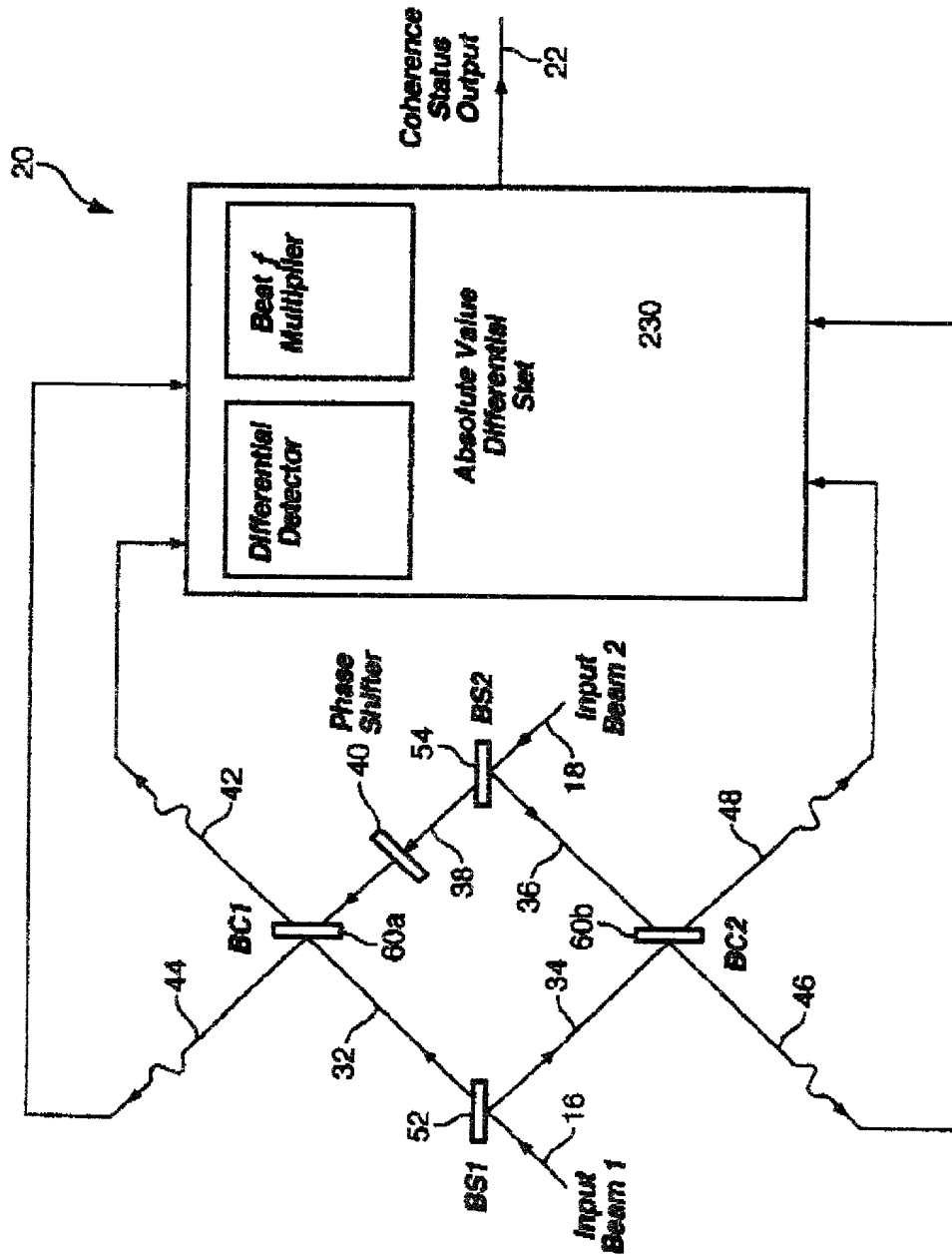
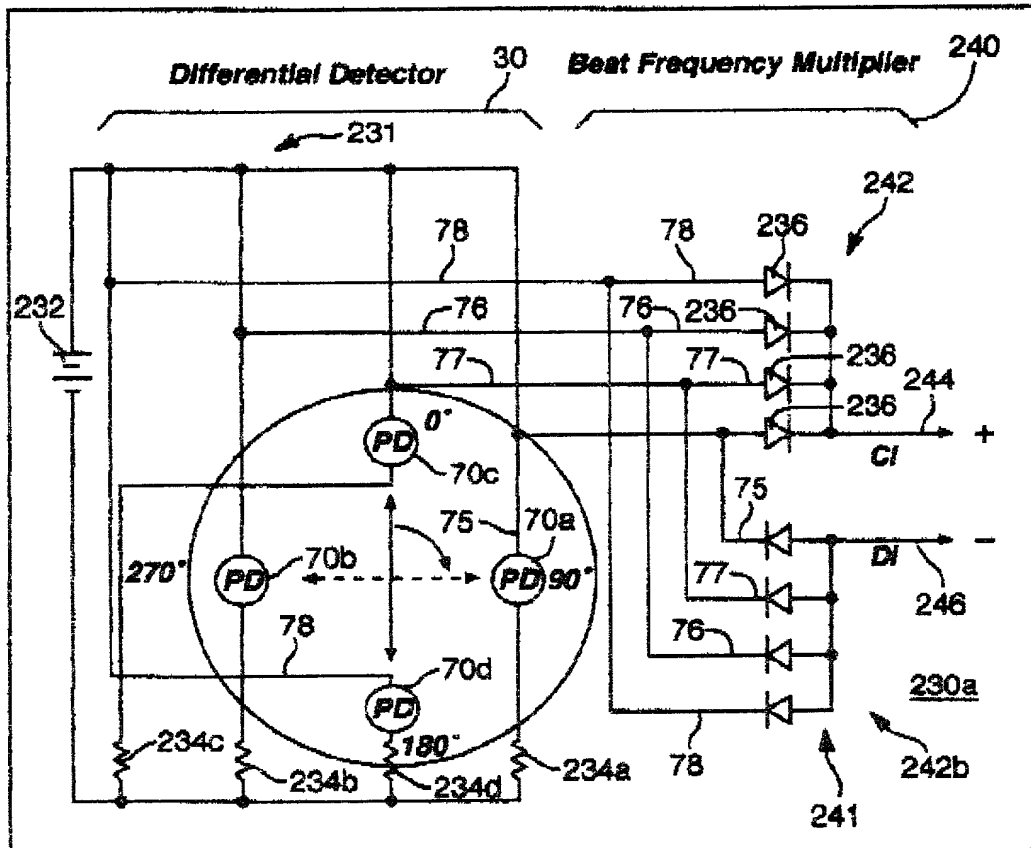


FIG. 16



**Absolute Value Differential Detector
With Beat Frequency Multiplication**

FIG. 17

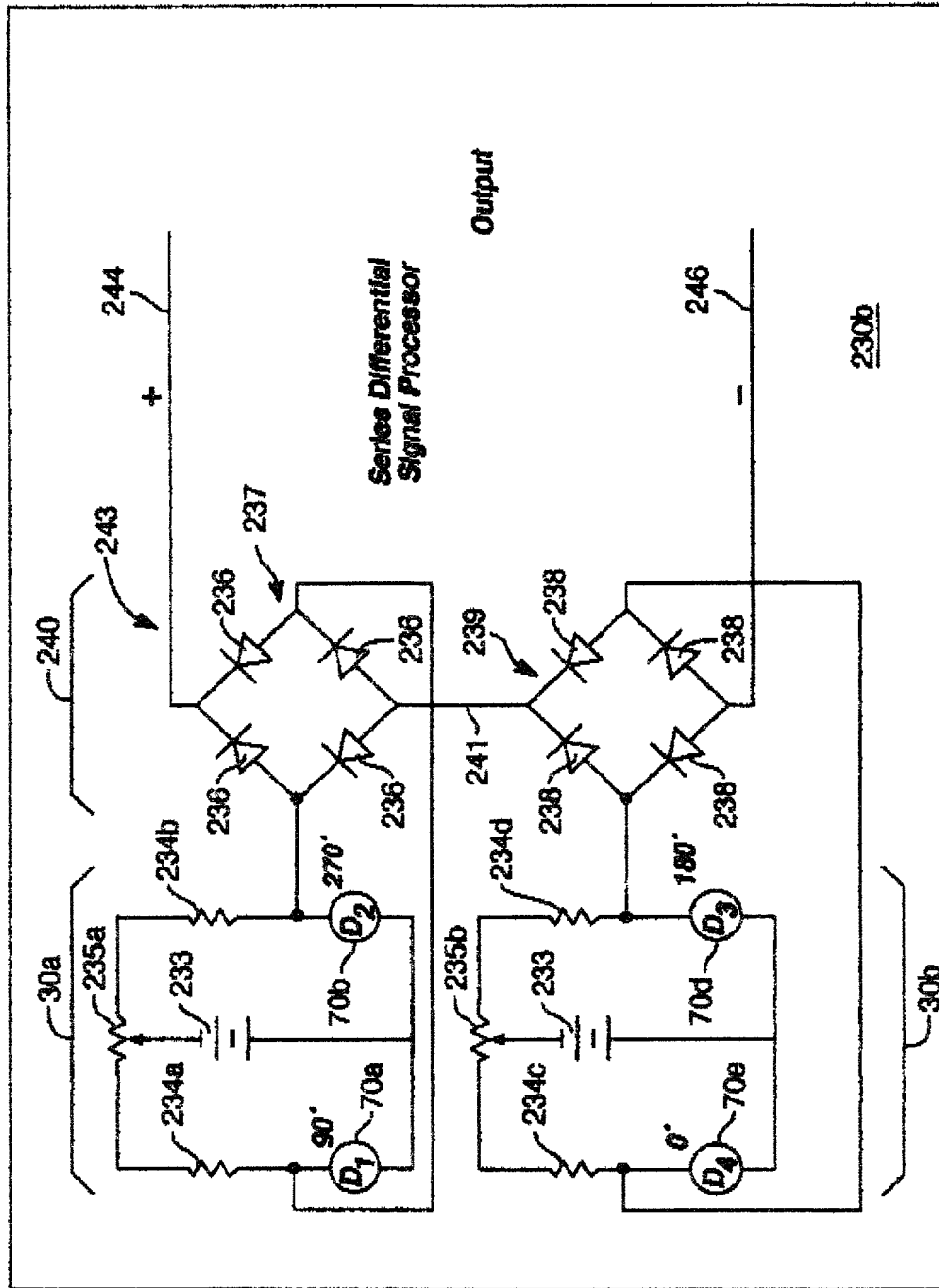


FIG. 18

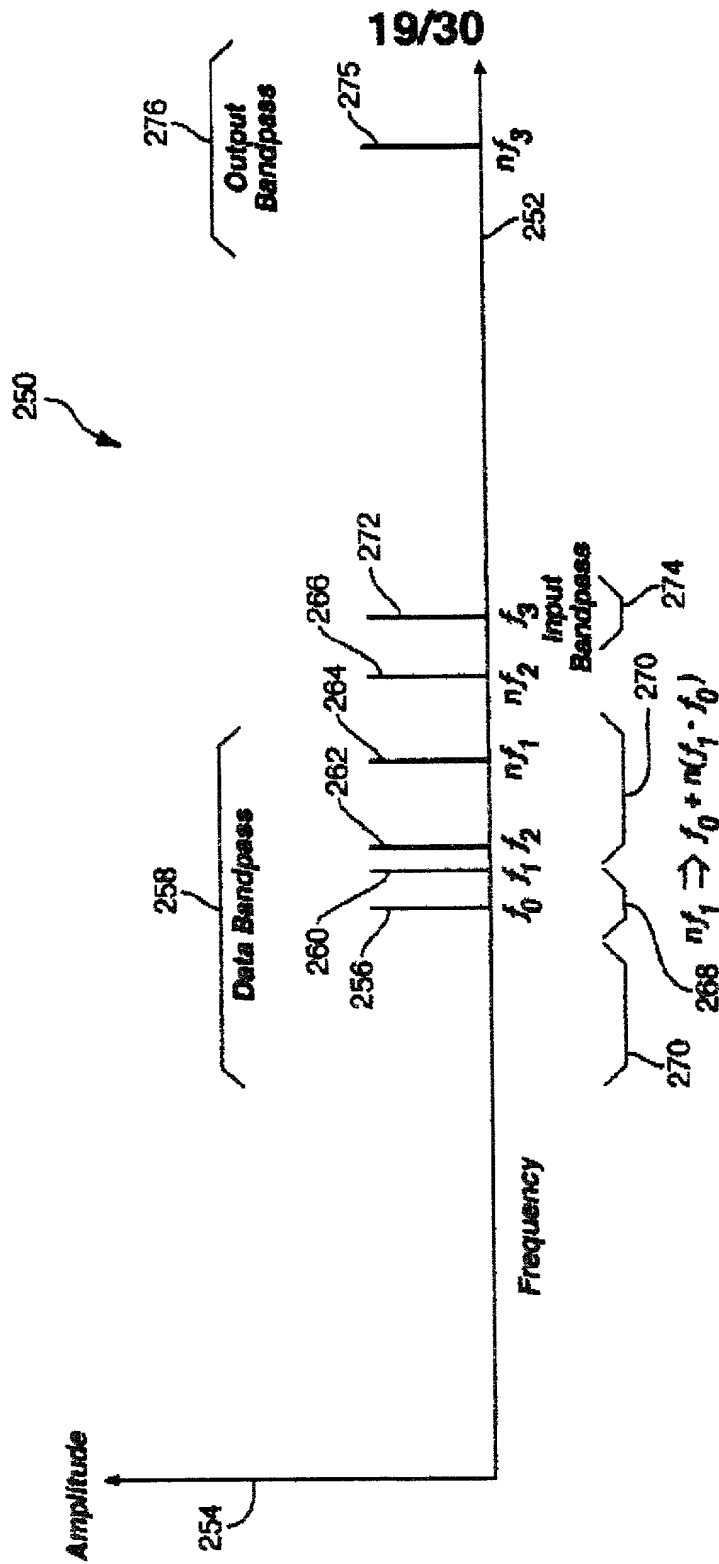


FIG. 19

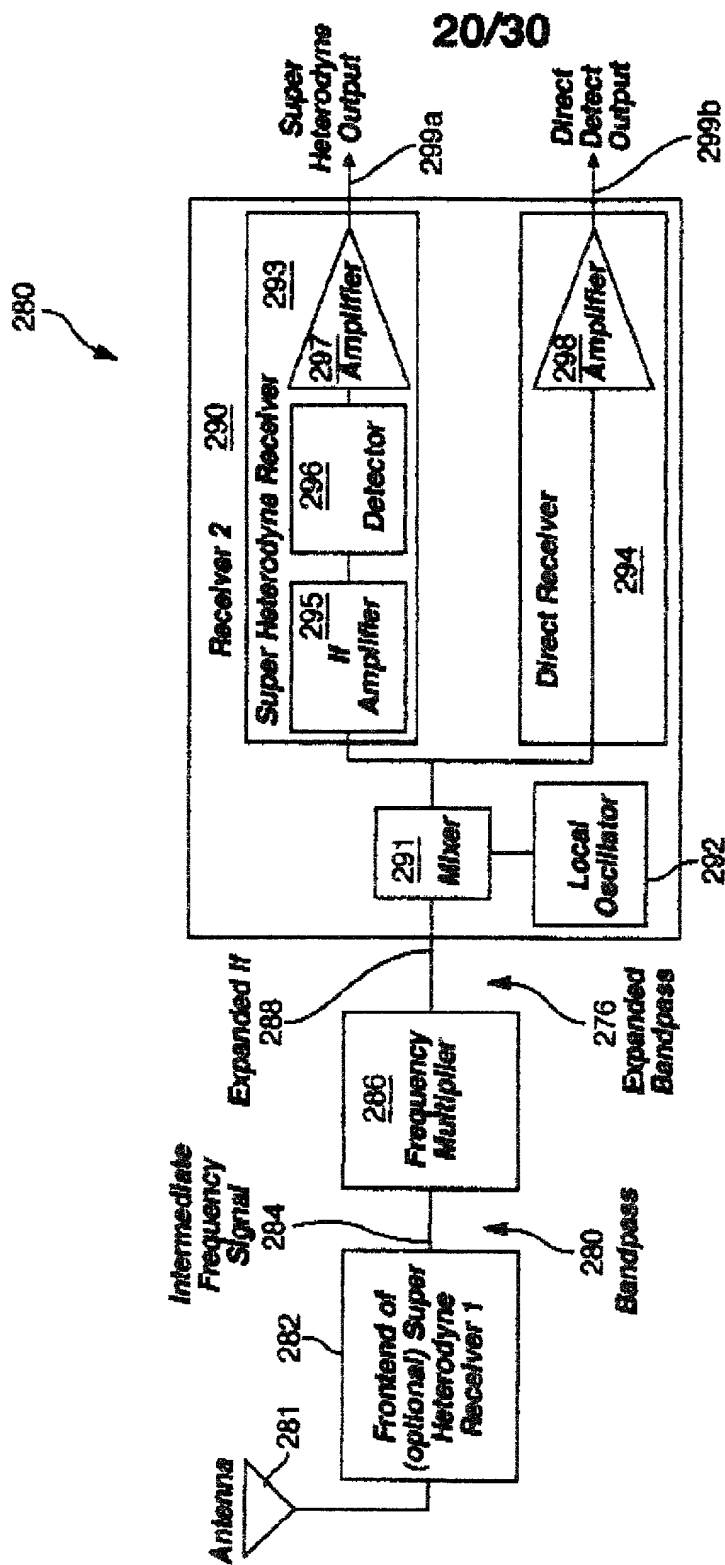


FIG. 20

High-Resolution Broadband
Photonic Spectrum Analyzer

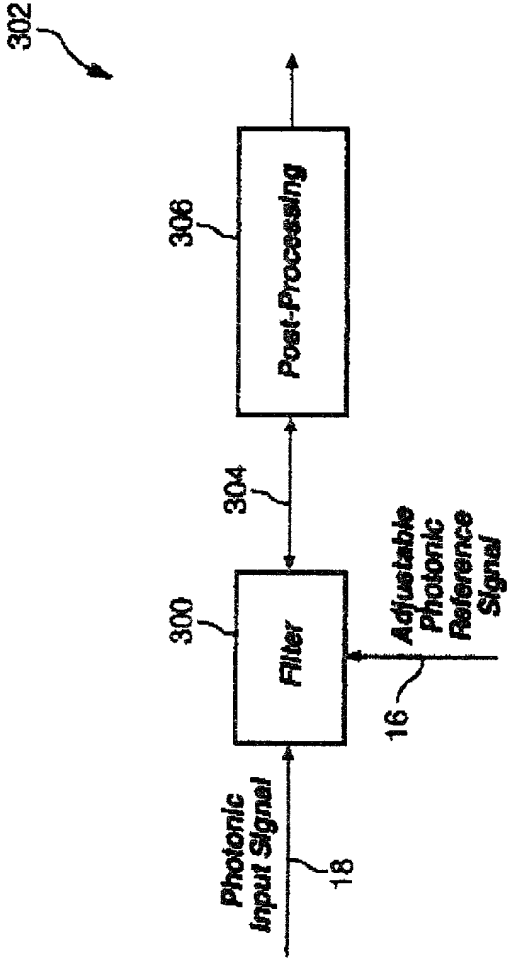


FIG. 21

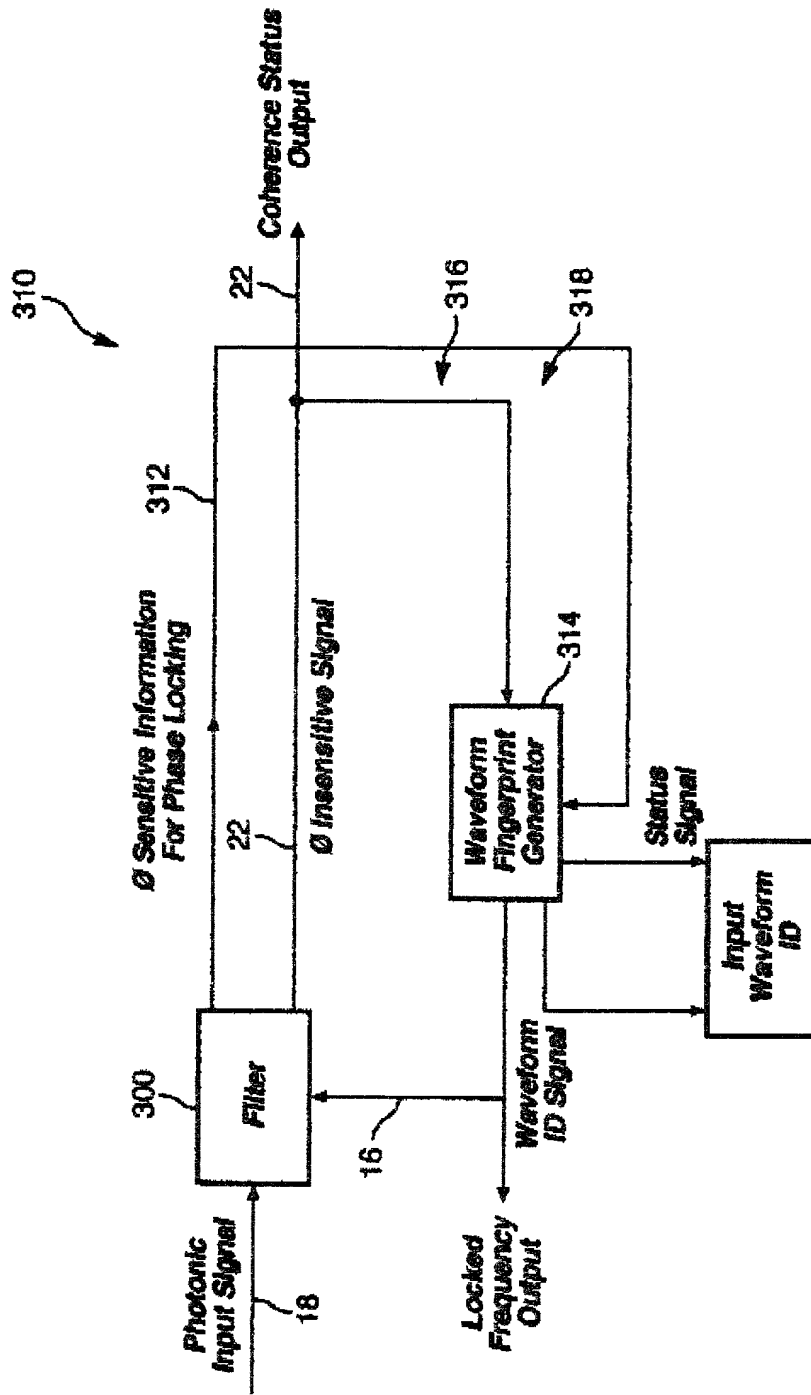


FIG. 22

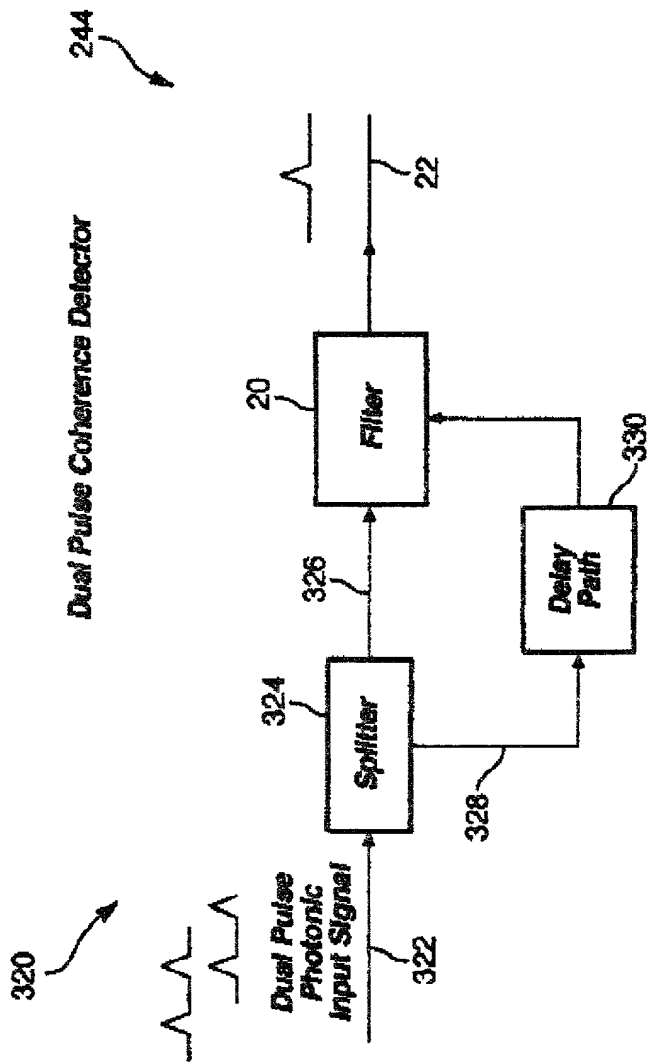


FIG. 23

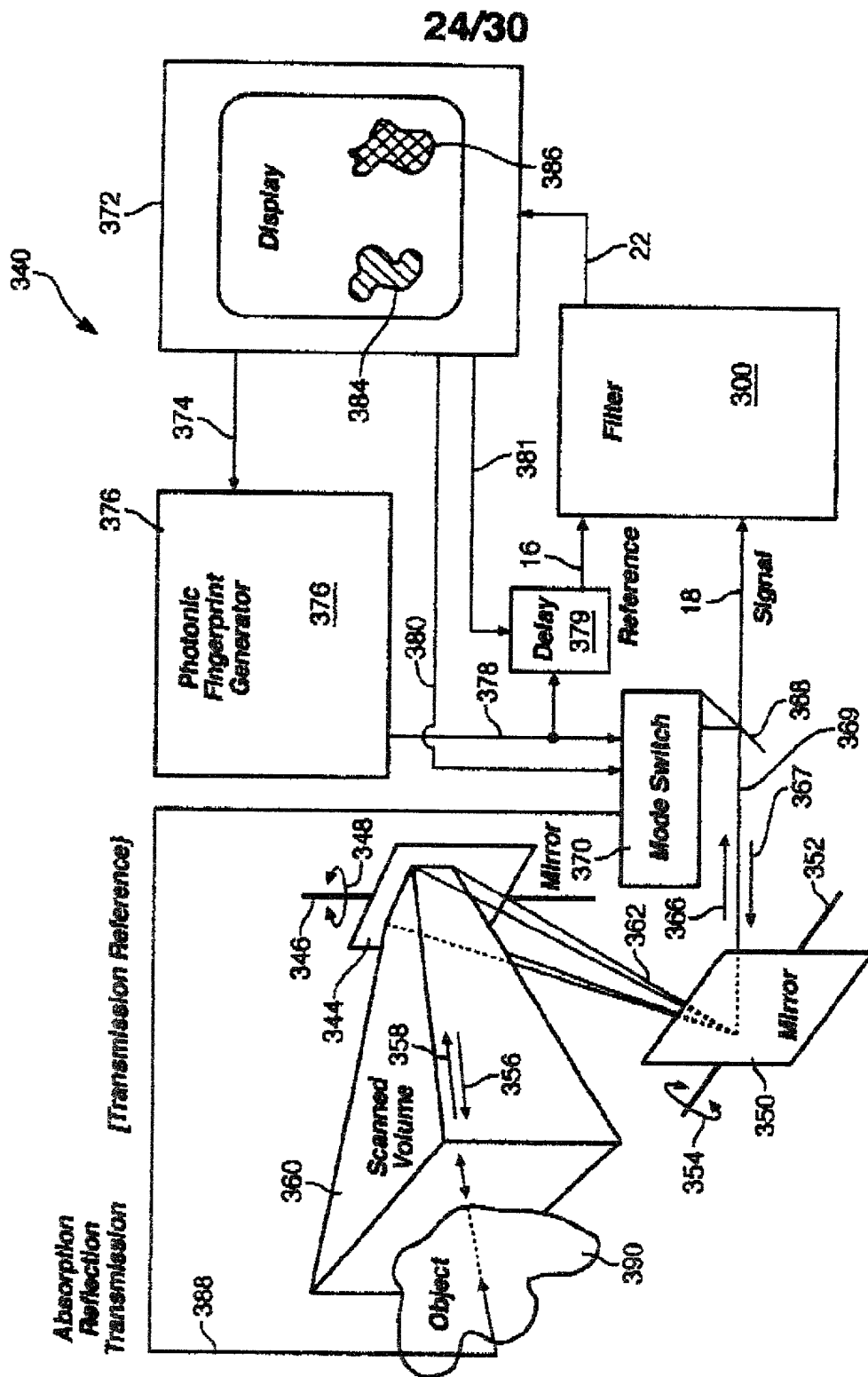


FIG. 24

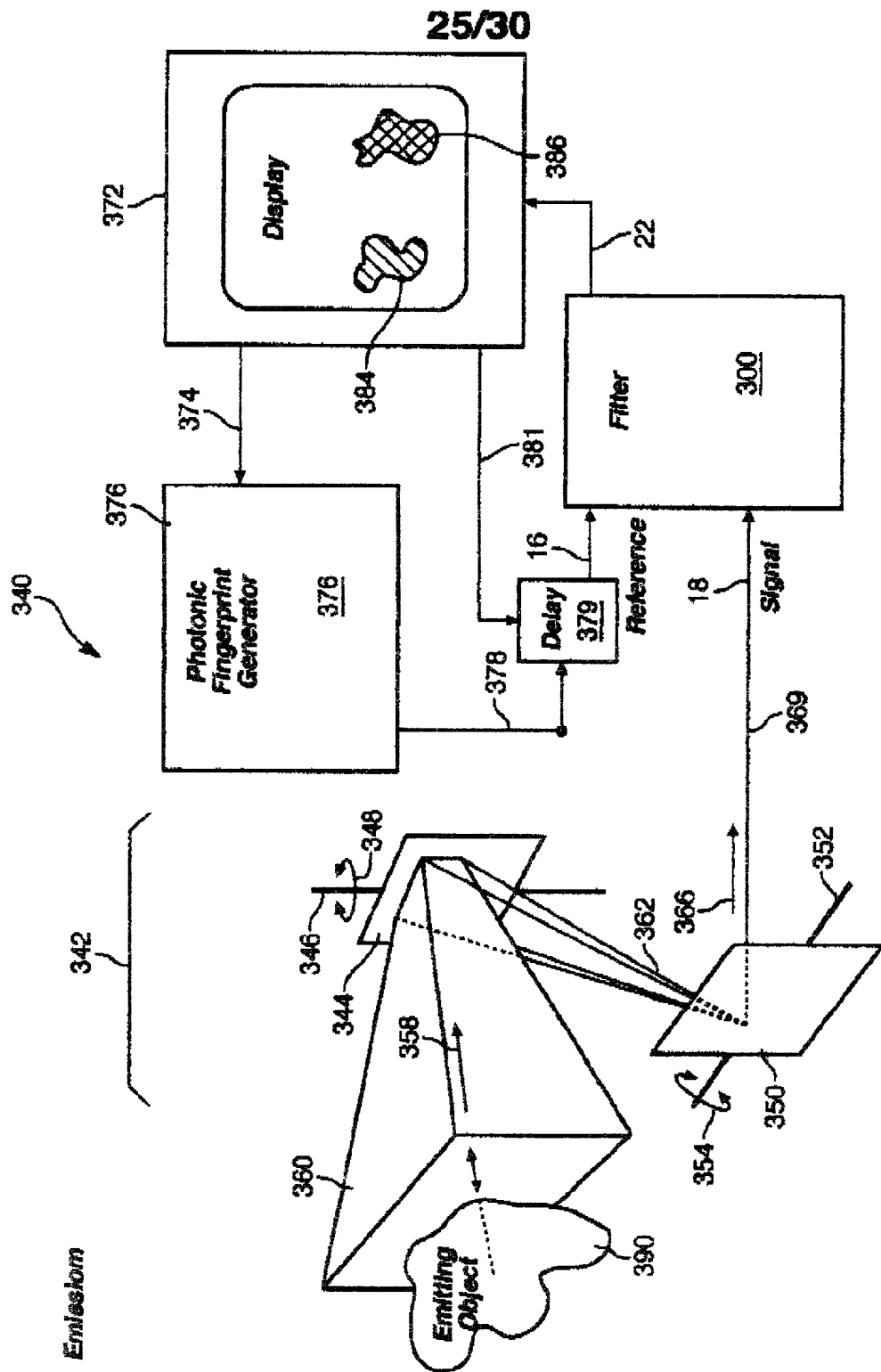


FIG. 25

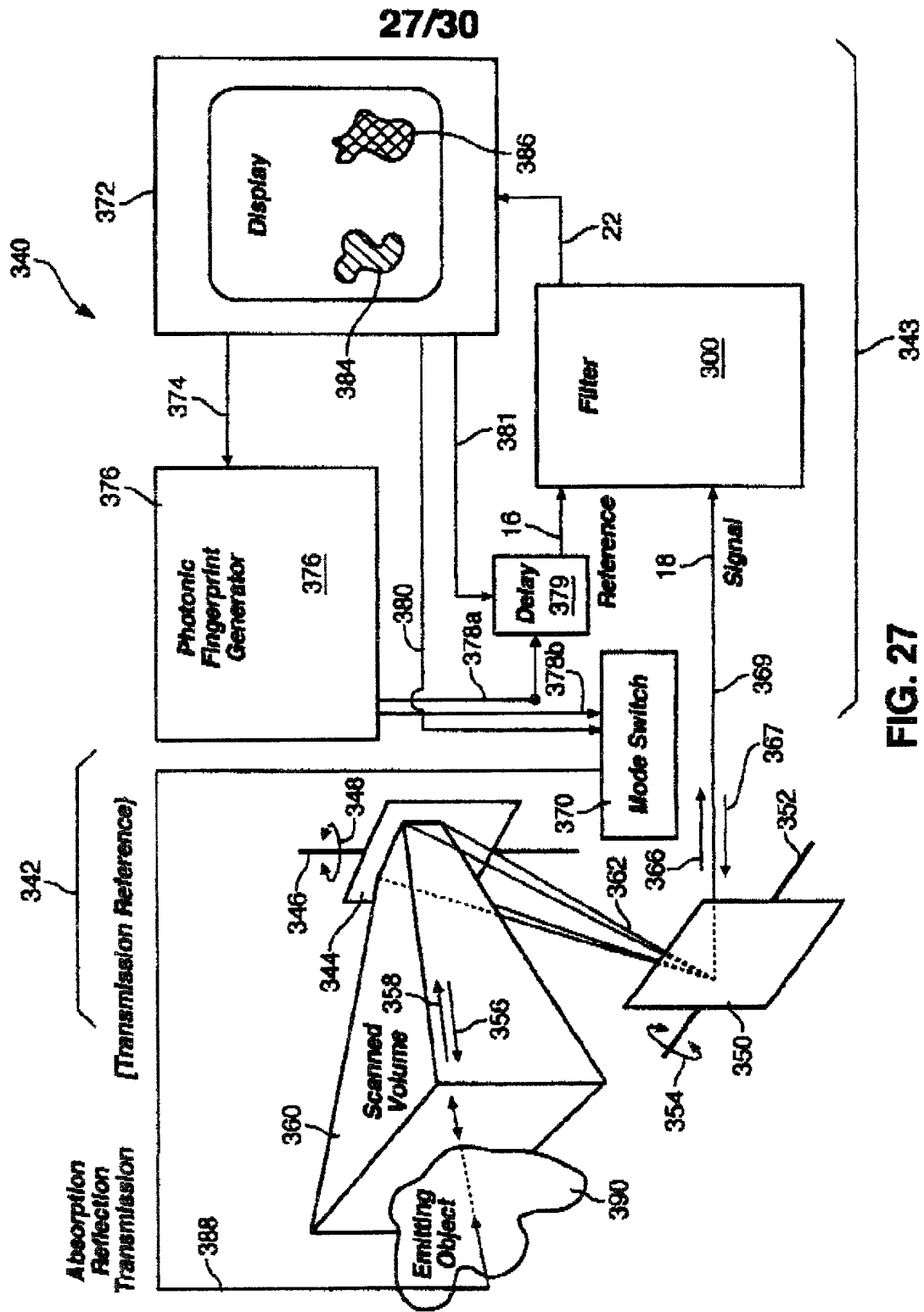


FIG. 27

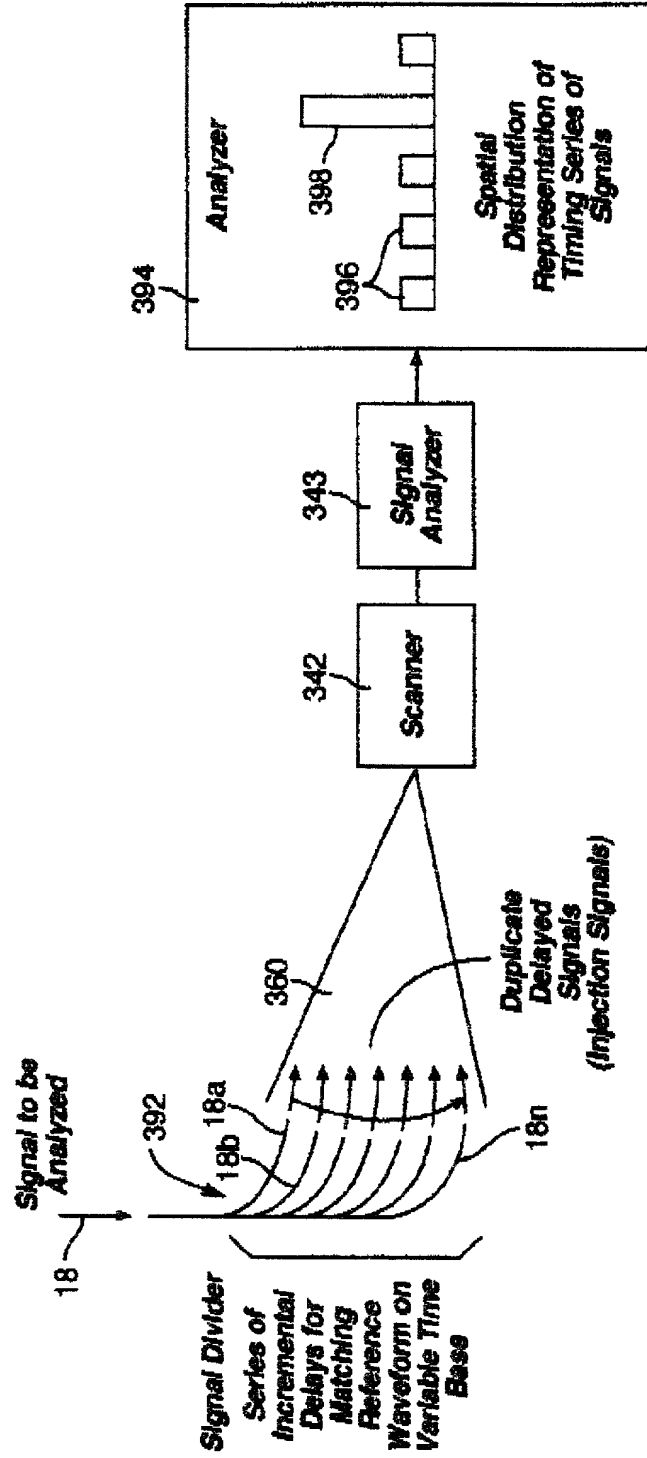


FIG. 28

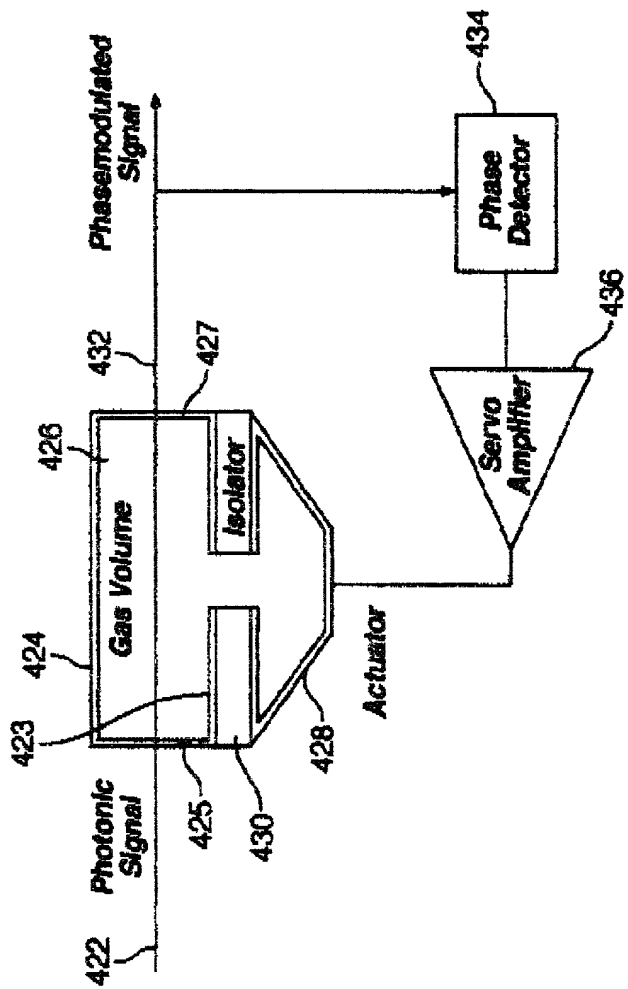


FIG. 30